CONTENTS OF VOLUME 186

JANUARY 1998 VOLUME 186 NUMBER 1

1 **Abdominal Adhesiolysis: Inpatient Care and Expenditures in the United States in 1994** *Nancy Fox Ray, MS, William G. Denton, RN, MBA, Mae Thamer, PhD, Scott C. Henderson, MS, and Seymour Perry, MD, MACP*

10 **Complications After Pylorus-Preserving Pancreatoduodenectomy with Gastrointestinal Reconstruction by the Imanaga Method** *Shoichi Hishunuma, MD, Yoshiro Ogata, MD, FACS, Junichi Matsui, MD, and Iwao Ozawa, MD*

17 **The Prognosis of Esophageal Carcinoma Staged Irresectable (T4) by Endosonography** *Paul Fockens, MD, PhD, Karolien Kisman, MD, Maruschka P. Merkus, MSC, J. Jan B. van Lanschot, MD, PhD, and Guido N.J. Tytgat, MD, PhD*

24 **Penetrating Cardiac Injuries: A Prospective Study of Variables Predicting Outcomes** *Juan A. Asensio, MD, FACS, James Murray, MD, Demetrios Demetriades, MD, PhD, FACS, John Berne, MD, Edward Cornwell, MD, FACS, George Velmahos, MD, PhD, Hugo Gomez, MD, and Thomas V. Berne, MD, FACS*

35 **Computed Tomography and Laparoscopy in the Assessment of the Patient with Pancreatic Cancer** *Åke Andrén-Sandberg, MD, PhD, Claes-Göran Lindberg, MD, PhD, Christer Lundstedt, MD, PhD, and Ingemar Ihse, MD, PhD, FACS*

HUMANISM/ETHICS

41 **Ethics in Surgery** *C. Rollins Hanlon, MD, FACS*

50 **Prerequisite Objectives for Graduate Surgical Education: A Study of the Graduate Medical Education Committee American College of Surgeons** *Graduate Medical Education Committee*

SPECIAL ARTICLE: UROLOGY

63 **Prostate and Bladder Cancer Screening** *Martin M. Goldstein, MD, and Edward M. Messing, MD, FACS*

COLLECTIVE REVIEW

76 **Heparin-Induced Thrombocytopenia and Thrombosis** *MAJ Leopoldo C. Cancio, MD, MC, USA and COL David J. Cohen, MD, FACS, MC, USA*

THE SURGEON AT WORK

91 **Exposure of the Distal Internal Carotid Artery: A Simplified Approach** *David P. Coll, MD, FACS, Ralph Ierardi, MD, Robert W. Mermer, DDS, Teruo Matsumoto, MD, PhD, and Morris D. Kerstein, MD, FACS*

95 **Jejunal Loop Transportation: An Alternative for Salvaging Failed Ileal Pouch Anal Anastomoses** *Luc P. Gambiez, MD, Stephane R. Rossi, MD, Franck A. Denimal, MD, and Pierre A. Quandalle, MD*

99 **Totally Laparoscopic Billroth I Gastrectomy** *Terence M. Mayers, MD, FACS, and Melinda G. Orebaugh, MLS*

LETTERS TO THE EDITOR

103 **Inguinal Hernia Repair** *A. Celdrán, MD, O. Frieyro, MD, and J. L. Souto, MD*

103 **In Reply** *George E. Wantz*

BOOK REVIEWS

106 **Ductal Carcinoma in Situ of the Breast.** *By Melvin J. Silverstein, MD*
Reviewed by David R. Brenin, MD

106 **Current Aspects of Laparoscopic Colorectal Surgery: Indications, Methods, Results.** *By Eduard H. Farthmann, Christian Meyer, and Hans A. Richter*
Reviewed by Wayne L. De Vos, MD, PhD

107 **Urodynamics, 2nd Edition.** *By Paul Abrams, MD*
Reviewed by Richard F. Labasky, MD

108 **Fatal Extraction: The Story Behind the Florida Dentist Accused of Infecting His Patients with HIV and Poisoning Public Health.** *By Mark Carl Rom*
Reviewed by Robert S. Rhodes, MD, FACS

109 **Instructions to the Authors**

112 **Corrections**

A11 **Preliminary Program for the 1998 Meeting**

A30 **Contributions to the 1998 Surgical Forum Are Requested**

A32 **Scientific Contributions Sought for 1998 Clinical Congress**

A33 **Future National Meetings**

A36 **Classified Advertising**

FEBRUARY 1998 VOLUME 186 NUMBER 2

TRAUMA AND CRITICAL CARE

113 **Abstract from 1970** *Louis R.M. Del Guercio, MD, FACS*

113 **Author's Retrospective** *Louis R.M. Del Guercio, MD, FACS*

115 **Trauma and Critical Care** *Edward E. Cornwell III, MD, FACS*

BURNS

122 **Abstract from 1970** *Nicholas Georgiade, MD, FACS*

123 **Burns** *C. Gillon Ward, MD, FACS*

CARDIAC SURGERY

127 **Abstract from 1970** *C. Rainey Williams, MD, FACS*

November 10–13, 1998 Houston, TX
American Board of Neurological Surgery

November 12–14, 1998 Orlando, FL
Southern Thoracic Surgical Association

November 15–18, 1998 Indianapolis, IN
Western Surgical Association

November 1998 2nd Friday/Saturday Tacoma, WA
North Pacific Surgical Association

December 6–9, 1998 Miami, FL
Southern Surgical Association

December 10–12, 1998 Las Vegas, NV
American Back Society Annual Meeting

January 23–26, 1999 White Sulfer Springs, WV
South Atlantic Association of Obstetricians & Gynecologists

January 24–27, 1999 San Antonio, TX
Society of Thoracic Surgeons

January 24–29, 1999 San Francisco, CA
Society of Critical Care Medicine

January 25–27, 1999 San Antonio, TX
Society of Thoracic Surgeons

February 4–8, 1999 Anaheim, CA
American Academy of Orthopaedic Surgeons

February 6–11, 1999 Tampa, FL
Southeastern Surgical Congress

February 17–21, 1999 Dallas, TX
American Board of Urology

February, March, 1999 Snowbird, UT
Sixth Annual Winter Symposium, American Academy of Facial Plastic and Reconstructive Surgery

President's Day weekend, 1999 Southern California
Pacific Coast Surgical Association

March 4–6, 1999 St. Louis, MO
Central Surgical Association

March 4–7, 1999 Orlando, FL
Society of Surgical Oncology

March 7–10, 1999 New Orleans, LA
American College of Cardiology

March 20–24, 1999 San Francisco, CA
Society of Gynecologic Oncologists

March 24–27, 1999 San Antonio, TX
Society of American Gastrointestinal Endoscopic Surgeons

March 27–31, 1999 Scottsdale, AZ
Neurosurgical Society of America

March 28–April 2, 1999 San Francisco, CA
Association of Operating Room Nurses

April 7–10, 1999 Boston, MA
Association for Surgical Education

April 14–20, 1999 Chicago, IL
American Board of Otolaryngology

April 15, 1999 San Diego, CA
American Board of Surgery

April 15–17, 1999 San Diego, CA
American Surgical Association

April 17–21, 1999 Coronado, CA
Southwestern Surgical Congress

April 18–21, 1999 New Orleans, LA
American Association for Thoracic Surgery

April 22–25, 1999 New Orleans, LA
American College of Physicians

April 23–26, 1999
October 22–25, 1999
Pediatric Oncology Group

April 23–28, 1999 San Diego, CA
American Thoracic Society/American Lung Association

April 23–30, 1999 Palm Desert, CA
American Broncho-Esophagological Association

April 24–25, 1999(tentative) Palm Desert, CA
American Otological Society

April 24–29, 1999 New Orleans, LA
American Association of Neurological Surgeons

April 24–30, 1999 Palm Desert, CA
COSM, American Academy of Facial Plastic and Reconstructive Surgery

April 29–May 1, 1999 Seattle, WA
Surgical Infection Society

April 30–May 1, 1999 Colorado Springs, CO
American Board of Plastic Surgery

306 Outcomes of Extended Radical Esophagectomy for Thoracic Esophageal Cancer *Tadashi Nishimaki, MD, Tsutomu Suzuki, MD, Satoshi Suzuki, MD, Shirou Kuwabara, MD, and Katsuyoshi Hatakeyama, MD*

313 The Utility of Polyglycolic Acid Mesh for Abdominal Access in Patients With Necrotizing Pancreatitis *Andrew Y. Gentile, MD, Phillip D. Feliciano, MD, FACS, Richard J. Mullins, MD, FACS, Richard A. Crass, MD, FACS, Larry R. Eidemiller, MD, FACS, and Brett C. Sheppard, MD, FACS*

319 Operative Management of Papillary Cystic Neoplasms of the Pancreas *Eugenio Panieri, FCS(SA), Jack E. J. Krige, FCS(SA), FRCS(Ed), Philippus C. Bornman, MMed(Surg), Scott M. Graham, MD, FACS, John Terblanche, ChM, FRCS(Engl), FCS(SA), John P. Cruse, PhD, FRCPath*

325 Superselective Microcoil Embolization: Treatment of Choice in High-Risk Patients With Extrahepatic Pseudoaneurysms of the Hepatic Arteries *Peter U. Reber, MD, Hans U. Baer, MD, Ameet G. Patel, FRCS, Stephan Wildi, MD, Jürgen Triller, MD, and Markus W. Büchler, MD*

331 Endoscopic Femoral-Popliteal/Distal Bypass Grafting: A Preliminary Report *Paul R. Johnson, MD, FACS, Swee Lian Tan, MD, PhD, and Albert K. Chin, MD*

COLLECTIVE REVIEWS

337 The Physiologic Basis for Anticytokine Clinical Trials in the Treatment of Sepsis *Brian S. Cain, MD, Daniel R. Meldrum, MD, Alden H. Harken, MD. FACS, and Robert C. McIntyre, Jr, MD, FACS*

Accompanying Editorial: Improved Clinical Survival from Sepsis *Bradley D. Freeman, MD, and Timothy G. Buchman, MD, PhD, FACS*

352 The Outcomes of Nonabsorbable Mesh Placed Within the Abdominal Cavity: Literature Review and Clinical Experience *Gareth J. Morris-Stiff, MD, BCh, FRCS, and Leslie E. Hughes, DS, FRACS, FRCS*

THE SURGEON AT WORK

368 Intraabdominal Pressure: A Revised Method for Measurement *Michael L. Cheatham, MD, and Karen Safcsak, RN*

370 Gallstone Ileus: Laparoscopic-Assisted Enterolithotomy *Leopoldo Sarli, MD, Nicola Pietra, MD, PhD, and Sara Gobbi, MD*

LETTERS TO THE EDITOR

372 Hernioplasty Controversy *George E. Wantz, MD, PC, FACS*

372 In Reply *G. L. Beets, PhD*

373 AIDS-Associated Biliary Tract Disease *Philip S. Barie, MD, FCCM, FACS*

373 In Reply *David R. Flum, MD, FACS*

374 Pancreas Transplantation *Robert J. Corry, MD, FACS, and Thomas E. Starzl*

374 In Reply *Rainer W. G. Gruessner, MD, PhD*

BOOK REVIEWS

377 Laparoscopic Surgery: Principles and Procedures. *By Daniel B. Jones, MD, Justin S. Wu, MD, and Nathaniel J. Soper, MD*
Reviewed by Robert V. Rege, MD

377 The ICU Book, 2nd Edition. *By Paul L. Marino, MD, PhD, FCCM*
Reviewed by David J. Dries, MSE, MD

378 Surgery of the Colon and Rectum. *By John R. Nicholls, BA, MChir, FRCS (Eng), FRCS (Glasg.)*
Reviewed by David R. Brenin, MD

378 The Patient's Voice: Experiences of Illness. *By Jeanine Young-Mason, EdD, RN, CS, FAAN*
Reviewed by Cheryl Laskowski, DNS, RN, CS

379 Instructions for Authors

A11 Spring Preliminary Program for the 1998 Meeting

A41 Future National Meetings

A44 Scientific Contributions Sought for 1998 Clinical Congress

A45 Classified Advertising

APRIL 1998 VOLUME 186 NUMBER 4

ORIGINAL SCIENTIFIC ARTICLES

383 Will Xenotransplantation Ever Be Feasible? *Thomas E. Starzl, MD, PhD, FACS, Abdul S. Rao, MD, DPhil, Noriko Murase, MD, John Fung, MD, PhD, FACS, and Anthomy J. Demetris, MD*

388 Genetic Therapies for Xenotransplantation *Shu S. Lin, MD, and Jeffrey L. Platt, MD*

397 The Dialectic Nature of Xenotransplantation *Oscar Bronsther, MD, FACS*

402 En Bloc Transplantation of Infant Kidneys: Ten-Year Experience *Dai D. Nghiem, MD, FACS, James D. Schlosser, MS, Shyuan Hsia, PhD, and Huong G. Nghiem, BS*

408 Intraoperative Endovascular Angioplasty and Stenting of Iliac Artery: An Adjunct to Femoro-Popliteal Bypass *Hung Lau, FRCS, and Stephen Wing Keung Cheng, MS, FACS*

Accompanying Editorial: Intraoperative Iliac Angioplasty and Distal Bypass *Ronald T. Lewis, MD, FACS*

416 A Comparative Analysis of Lobular and Ductal Carcinoma of the Breast: Presentation, Treatment, and Outcomes *David J. Winchester, MD, FACS, Helena R. Chang, MD, FACS, Theresa A. Graves, MD, Herman R. Menck, MBA, Kirby I. Bland, MD, FACS, and David P. Winchester, MD, FACS*

423 Sentinel Lymph Node Biopsy in Breast Cancer: Initial Experience at Memorial Sloan-Kettering Cancer Center *Brian J. O'Hea, MD, FACS, Arnold D. K. Hill, MCh, FRCSI, Ayda M. El-Shirbiny, MD, Samuel D. J. Yeh, MD, Paul Peter Rosen, MD, Daniel G. Coit, MD, FACS, Patrick I. Borgen, MD, and Hiram S. Cody III, MD, FACS*

428 Laparoscopic Repair of Paraesophageal Hiatal Hernias *Walter A. Gantert, MD, Marco G. Patti, MD, FACS, Massimo Arcerito, MD, Carlo Feo, MD, Lygia Stewart, MD, FACS, Mario DePinto, MD, Sunil Bhoyrul, MD, Shawn Rangel, BS, Dana Tyrrell, MD, Yukio Fujino, MD, Sean J. Mulvihill, MD, FACS, and Lawrence W. Way, MD, FACS*

434 Gastric Mucosal Protection from Enteral Nutrients: Role of Motility *Kimberly S. Ephgrave, MD, FACS, Karen J. Brasel, MD, Joseph J. Cullen, MD, FACS, and Kimberly A. Broadhurst, BS*

441 Intraoperative Abandonment of Ileal Pouch to Anal Anastomosis—The Mayo Clinic Experience *Scott M. Browning, MD, and Santhat Nivatvongs, MD, FACS*

447 Three Thousand One Hundred Seventy-Five Primary Inguinal Hernia Repairs: Advantages of Ambulatory Open Mesh Repair Using Local Anesthesia *Allan E. Kark, FRCS, FACS, Martin N. Kurzer, FRCS, and Philip A. Belsham, FRCS*

Accompanying Editorial: Groin Hernia Repair *Leigh Neumayer, MD, FACS*

ETHICS

457 The Past Is Prologue: Surgeons Then and Now *Sherwin B. Nuland, MD, FACS*

EDUCATION

466 Reflections on Informed Consent: 40 Years After Its Birth *Jay Katz, MD*

COLLECTIVE REVIEW

475 Biology and Treatment of Peritonitis: The Historic Development of Current Concepts *Toni Hau, MD, PhD, FACS*

THE SURGEON AT WORK

485 Knot Properties of Alternating Sliding Knots With Different Patterns in Comparison to Alternating and Simple Sliding Knots *Zeina Babetty, MS, Aykut Sümer, PhD, and Sabri Altıntaş, PhD*

LETTERS TO THE EDITOR

490 Open Technique During Laparoscopic Operations *Marco Catarci, MD, Francesco Zaraca, MD, and Francesco Gossetti, MD*

490 In Reply *Felice Giuliante, MD*

491 The Hernia Repair Debate *Guy R. Voeller, MD, FACS*

491 In Reply *George E. Wantz, MD, FACS*

492 Aortic Cannulation in Organ Donors with Pathology of the Infrarenal Aorta *Moisés Calderón, MD, PhD, Andoni Vicente, MD, Armando Soberanes, MD, FACS and Alberto Holm, MD, FACS*

492 In Reply *Enrico Benedetti, MD, Malek G. Massad, MD, and James A. Kisthard, CPTC*

493 Aortic Cannulation in Organ Donors with Pathology of the Infrarenal Aorta *David J. Reich, MD, Cosme Manzarbeitia, MD, FACS, and Howard M. Nathan, BS, CPTC*

493 In Reply *Enrico Benedetti, MD, Malek G. Massad, MD, and James A. Kisthard, CPTC*

BOOK REVIEWS

496 Severe Head Injuries: Pathology, Diagnosis and Treatment. *Edited by Bernhard L. Bauer and Thomas J. Kuhn*
Reviewed by Peter B. Letarte, MD

496 Acoustic Tumors: Diagnosis and Management. *By William F. House, MD, Charles M. Luetji, MD, and Karen J. Doyle, MD, PhD*
Reviewed by Alan G. Micco, MD

496 Handbook of Patient-Controlled Analgesia. *By Dilip V. Subhedar, MD, Vinod Malik, MD, and Dariusz Rudz, MD*
Reviewed by Donald M. Sinclair, MD

497 Campbell's Urology. *Edited by Patrick C. Walsh, MD, Alan B. Retik, MD, E. Darracott Vaughan Jr, MD, and Alan J. Wein, MD*
Reviewed by David M. Albala, MD

498 Instructions to Authors

A13 Program for the 1998 Spring Meeting

A49 Future National Meetings

A52 Classified Advertising

MAY 1998 VOLUME 186 NUMBER 5

ORIGINAL SCIENTIFIC ARTICLES

501 Standardized Perioperative Care Protocols and Reduced Length of Stay After Colon Surgery *Barton G.G. Bradshaw, MD, Spencer S. Liu, MD, and Richard C. Thirlby, MD, FACS*

507 Management of Pancreatic Pseudocysts *Hadar Spivak, MD, John R. Galloway, MD, FACS, J. Richard Amerson, MD, FACS, Aaron S. Fink, MD, FACS, Gene D. Branum, MD, FACS, Richard D. Redvanly, MD, William S. Richardson, MD, Susan J. Mauren, RN, J. Patrick Waring, MD, and John G. Hunter, MD, FACS*

512 Clinical Intestinal Transplantation: New Perspectives and Immunologic Considerations *Kareem Abu-Elmagd, MD, PhD, FACS, Jorge Reyes, MD, FACS, Satoru Todo, MD, FACS, Abdul Rao, MD, Randall Lee, MD, William Irish, MSc, Hiro Furukawa, MD, Javier Bueno, MD, John McMichael, BSc, Ahmed T. Fawzy, MD, Noriko Murase, MD, Jake Demetris, MD, Jorge Rakela, MD, John J. Fung, MD, PhD, FACS, and Thomas E. Starzl, MD, PhD, FACS*

528 Lethal Injuries and Time to Death in a Level I Trauma Center *José A. Acosta, MD, FACS, Jack C. Yang, MD, Robert J. Winchell, MD, FACS, Richard K. Simons, MB, FACS, Dale A. Fortlage, BA, Peggy Hollingsworth-Fridlund, RN, and David B. Hoyt, MD, FACS*

534 Role of Adhesion Molecule Expression and Soluble Fractions in Hepatic Resection *Mitsuo Shimada, MD, PhD, Kiyoshi Kajiyama, MD, PhD, Hirofumi Hasegawa, MD, Tomonobu Gion, MD, Yasuharu Ikeda, MD, Ken Shirabe, MD, Kenji Takenaka, MD, PhD, and Keizo Sugimachi, MD, FACS*

542 Minimally Invasive Surgery: The Pediatric Surgery Experience *Anthony M. Firilas, MD, Richard J. Jackson, MD, and Samuel D. Smith, MD, FACS*

545 Laparoscopic Versus Open Appendectomy: A Metaanalysis *Robert Golub, MD, FACS, Fazi Siddiqui, MD, and Dieter Pohl, MD, FACS*

554 The Evolution and Maturation of Laparoscopic Cholecystectomy in an Academic Practice *Justin S. Wu, MD, FACS, Deanna L. Dunnegan, RN, Donna R. Luttmann, RN, and Nathaniel J. Soper, MD, FACS*

562 Prognostic Analysis of Survival in Small Breast Cancers *Isha A. Mustafa, MD, FACS, Bernard Cole, PhD, Harold J. Wanebo, MD, FACS, Kirby I. Bland, MD, FACS, and Helena R. Chang, MD, PhD, FACS*

570 Surgeons and Interventional Radiologists: Doing What's Best for the Patient *David Winchester, MD, FACS*

574 Stage I Rectal Cancer: Identification of High-Risk Patients *David Blumberg, MD, Philip B. Paty, MD, Antonio I. Picon, MD, Jose G. Guillem, MD, David S. Klimstra, MD, Bruce D. Minsky, MD, Stuart H. Quan, MD, and Alfred M. Cohen, MD, FACS*

581 Fifteen-Years Experience in Axillofemoral Bypass with Externally Supported Knitted Dacron Prosthesis in a Japanese Hospital *Shinsuke*

Mii, MD, Akira Mori, MD, Hisanobu Sakata, MD, and Nobuyuki Kawazoe, MD

EDITORIAL

589 **Standardized Perioperative Care Protocols and Reduced Lengths of Stay After Colon Surgery** *Steven D. Wexner, MD, FACS, FASCRS, FACG*

THE SURGEON AT WORK

594 **Intraabdominal Pressure: A Revised Method for Measurement** *Michael L. Cheatham, MD, and Karen Safcsak, RN*

596 **Acid Reflux Test for Gastroesophageal Reflux After Distal Gastrectomy: Diagnosis and Clinical Effect of Cisapride** *Yoshihisa Shibata, MD, Yuji Nimura, MD, Sumio Toyoda, MD, Akihiro Yasui, MD, and Takeo Kawamura, MD*

601 **Reconstruction After Proximal Gastrectomy Using a Stapled, U-Shaped Jejunal Pouch** *Masaaki Oka, MD, Kohtaro Yamamoto, MD, Mitsuo Nakamura, MD, Makoto Miyahara, MD, Tomio Ueno, MD, Kenji Nishihara, MD, and Akira Tangoku, MD*

LETTERS TO THE EDITOR

604 **Vascular Injuries During Laparoscopy** *G. Kazemier, MD, E.J. Hazebroek, MD, J.F. Lange, MD, H.J. Bonjer, MD*

604 **Reply** *C. Chapron, MD, and J.B. Dubuisson, MD*

605 **Definition of Early Gastric Cancer and Dukes's A Tumor** *Y. Adachi, MD*

605 **Reply** *C.S. Wang, MD*

606 **Ischemic Liver Injury** *James C. Doherty, MD, and Marvin A. McMillen, MD, FACS*

BOOK REVIEWS

608 **Hernia Healers: An Illustrated History.** *By René Stoppa, MD, George Wantz, MD, FACS, Gabriele Munegato, MD, and A. Pluchinotta*
Reviewed by Raymond C. Read, MD, FACS, FRCS

608 **Long-Term Results of Arterial Interventions.** *By Alain Branchereau, MD, and Michael Jacobs, MD*
Reviewed by R. James Valentine, MD

609 **Tools of the Trade and Rules of the Road: A Surgical Guide.** *By Edwin A. Dutch, MD*
Reviewed by David L. Nahrwold, MD

609 **The Augmented Breast: Radiologic and Clinical Perspectives.** *By David P. Gorczyca, MD, and James R. Brenner, MD*
Reviewed by Kathleen A. Murray, MD

610 **Evidence-Based Medicine: How to Practice and Teach EBM.** *By David L. Sackett, W. Scott Richardson, William Rosenberg, and R. Brian Haynes*
Reviewed by John K. Larson, MD

611 **Instructions to Authors**

614 **Future National Meetings**

A31 **Classified Advertising**

JUNE 1998 VOLUME 186 NUMBER 6

ORIGINAL SCIENTIFIC ARTICLES

615 **Use of an Intuitive Telemanipulator System for Remote Trauma Surgery: An Experimental Study** *Jon C Bowersox, MD, PhD, FACS, Paul R Cordts, MD, FACS, and Anthony J LaPorta, MD, FACS*

622 **Inflammatory Breast Carcinoma: A Community Hospital Experience** *Hannah L Brooks, MD, Neil Mandava, MD, FACS, Walter F Pizzi, MD, FACS, and Syed Shah, MD*

630 **Monitoring Hospital Trauma Mortality Using Statistical Process Control Methods** *David E Clark, MD, FACS, Brad M Cushing, MD, FACS, and Carl E Bredenberg, MD, FACS*

636 **Thoracoscopy in the Management of Posttraumatic Persistent Pneumothorax** *Eddy H Carrillo, MD, FACS, Dale C Schmacht, MD, Dennis R Gable, MD, David A Spain, MD, FACS, and J David Richardson, MD, FACS*

641 **Ureteral Trauma: Preoperative Studies Neither Predict Injury Nor Prevent Missed Injuries** *Diana Medina, MD, Robert Lavery, MA, Steven E Ross, MD, FACS, and David H Livingston, MD, FACS*

645 **Treatment of Vesicovaginal Fistula by Bladder Mucosa Autograft Technique** *Frederico Teixeira Brandt, MD, MSc, PhD, Felipe Rinald Lorenzato, PharmD, MD, MSc, and Carla Daisy Albuquerque, MD, MSc*

649 **Panniculectomy and Supraumbilical Vertical Midline Incisions in Morbidly Obese Gynecologic Oncology Patients** *Michael L Pearl, MD, FACS, Fidel A Valea, MD, FACS, and Eva Chalas, MD, FACS*

654 **Risk Factors for Early Infection of Central Venous Catheters in Pediatric Patients** *Donald B Shaul, MD, FACS, Bryan Scheer, BS, Sepehr Rokhsar, BA, Valerie A Jones, BA, Linda S Chan, PhD, Beth A Boody, RN, MSN, Marcio H Malogolowkin, MD, and Wilbert H Mason, MD*

659 **Density of *Helicobacter pylori* Infection in Patients with Peptic Ulcer Perforation** *Yukihiko Tokunaga, MD, Koichiro Hata, MD, Junmei Ryo, MD, Akihiro Kitaoka, MD, Atsuo Tokuka, MD, and Kiyosi Ohsumi, MD*

664 **Small-Bowel Tumors** *Andrew J Minardi Jr, MD, Gazi B Zibari, MD, FACS, Donnie F Aultman, MD, FACS, Robert W McMillan, MD, FACS, and John C McDonald, MD, FACS*

669 **The Malone Antegrade Continence Enema Procedure in the Management of Patients with Spina Bifida** *Terry W Hensle, MD, FACS, Elizabeth A Reiley, MD, and David T Chang, MD*

675 **The Role of Diagnostic Laparoscopy in Pancreatic and Periampullary Malignancies** *Helmut Friess, MD, Jörg Fleef, MD, Juan Carlos Silva, MD, Charlotte Sadowski, MD, Hans U Baer, MD, and Markus W Büchler, MD*

683 **Venovenous Bypass in Adult Orthotopic Liver Transplantation: Routine or Selective Use?** *Ravi S Chari, MD, Tong J Gan, MD, Kerri M Robertson, MD, Kirsten Bass, MD, Carlos A Camargo Jr, MD, Paul D Greig, MD, and Pierre A Clavien, MD, PhD, FACS*

EDITORIAL

691 **Transitioning to the Future** *Richard M Satava, MD, FACS*

COLLECTIVE REVIEW

693 **Rhabdomyolysis and Myoglobinuric Renal Failure in Trauma and Surgical Patients: A Review** *Matthew S Slater, MD, and Richard J Mullins, MD*

THE SURGEON AT WORK

717 **Resection of Tumors of the Pararenal Inferior Vena Cava with In Situ Perfusion of the Right Kidney and Graft Replacement with Bovine Pericardium** *Ricardo Mondragón-Sánchez, MD, Hugo Orellana, MD, Rigoberto Bernal-Maldonado, MD, and Juan Manuel Ruíz-Molina, MD*

BOOK REVIEWS

720 **Textbook of Surgery: The Biological Basis of Modern Surgical Practices.**
By David C Sabiston Jr, MD *Reviewed by David J Dries, MSE, MD*

720 **Maingot's Abdominal Operations.** By Michael J Zinner, MD, FACS, Seymour I Schwartz, MD, FACS, and Harold Ellis, CBE, DM, MCH, FRCS *Reviewed by Wilson H Hartz III, MD*

721 **Physician-Hospital Organizations: Cases and Analysis.**
By Thomas M Gorey, MD *Reviewed by Daniel R Darby, FACHE*

721 **Grabb and Smith's Plastic Surgery.** By Sherrill J Aston, MD, Robert W Beasley, MD, and Charles HM Thorne, MD *Reviewed by Michael Byun, MD*

722 **Instructions to Authors**

725 **Corrections**

726 **Author Index**

728 **Subject Index**

I–VI **Cumulative Table of Contents**

A33 **Future National Meetings**

A36 **Classified Advertising**